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No. 48] NEW DELHI, SATURDAY, DECEMBER 1, 1984 (AGRAHAYANA 10, 1906)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 1st December 1984

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CORRIGENDUM

In the Gazette of India Part-III, Section 2 dated the 10th March 1984 under the heading "Application for Patents filed at the Patent Office Branch, 61 Wallajah Road, Madras-600 002" at page 125, column 2 under No. 40[MAS]84 after the words "Process for conversion of coal to gaseous hydrocarbons" add "(Divided out of No. 861[Cal]80 dated 26th July 1980)".

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-17

The dates shown in crescent bracket, are the dates claimed under Section 135, of the Act.

25th October, 1984

746[Cal]84. The Babcock & Wilcox Company, Image collection and object illumination.

26th October, 1984

747[Cal]84. Franz Xaver Huemer. A machine for the automatic manufacture of double sacks.

748[Cal]84. Westinghouse Electric Corporation. Improvements in or relating to steam optimization and cogeneration system and method.

749[Cal]84. Westinghouse Electric Corporation. Improvements in or relating to control system for fluid flow distribution.

750[Cal]84. Fidia S.p.A., A kit or device and method for administering gangliosides and derivatives thereof by inhalation and pharmaceutical compositions suitable therefor.

751[Cal]84. Nuken GmbH. Contacting system for thin film solar cells.

752[Cal]84. American Cyanamid Company. Preparation of substituted and unsubstituted 2-(1-Carbamoyl-1, 2 -Dimethylpropyl)-Carbamoyl -3-Quinolinecarboxylic, Nicotinic and Benzoic acids.

27th October, 1984

753[Cal]84. Development Consultants Private Limited. Improvements in or relating to discharge gates for bottom ash hoppers.

754[Cal]84. The Babcock & Wilcox Company. Electron beam Welder control.

29th October, 1984

755[Cal]84. Energy Conversion Devices INC. Electrodes made with disordered active material and method of making the same.

756[Cal]84. Hoechst Aktiengesellschaft. Process for the preparation of 2-Amino-1-Hydroxy-4-or-5- (B-Sulfatoethylsulfonyl)-Benzene compounds and their use for the synthesis of fiber-Reactive compounds.

757[Cal]84. American Can Company. Films and Blends of Polyetheramide block copolymer and ethylene vinyl alcohol.

758[Cal]84. General Foods Corporation. Foodstuffs containing sweetness modifying agents.

759[Cal]84. General Foods Corporation. Foodstuffs having sweetness modifying agents.

760[Cal]84. Euroceltique, S.A., Treatment of Hypertensions, compounds and compositions for antihypertension and diuresis.

30th October, 1984

761[Cal]84. Voest-Alpine Aktiengesellschaft. Process for producing hydrolysates out of sewage sludges and organic matter and/or waste materials in order

to obtain biotechnologically exploitable substrates, as well as to an apparatus for effecting said process.

762[Cal]84. Voest-Alpine Aktiengesellschaft. Process for producing hydrolysates out of sewage sludges and other organic substances in order to obtain biotechnologically exploitable substances.

763[Cal]84. The Secretary, Ramkrishna Mission Vidyapith, India. Beam Focussing Ellipsoidal Reflector of Electric Bulb.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD Floor, KAROL BAGH, NEW DELHI-110 005.

1st October, 1984

767[Del]84. Gullay S.A., "A container seam and a process for forming a container seam".

768[Del]84. Fabcon Incorporated, "Process and apparatus for flocculating and clarifying a solid liquid slurry"

769[Del]84. Facon Incorporated, "Process and apparatus for cutting and shredding stalk type plant products such as sugar cane".

5th October, 1984

770[Del]84. Roland Graham Whiteing, "Firing mechanism for guns".

771[Del]84. Roland Graham Whiteing, "Personal protection firearm".

772[Del]84. Kenneth Farr, "Handling unitised and unit loads". (October 4, 1983).

773[Del]84. O'Donnell & Associates, Inc., "Novel pipelock".

774[Del]84. Fratelli Marzoli & C.S.P.A., "Stopping device for spinning frames, in particular for long spinning frames".

775[Del]84. O'Donnell & Associates, INC., "Mechanical stress improvement process".

776[Del]84. Biogal Gyogyszergyar, "New carboxylic acid derivatives their acid addition salts, and a process for the preparation thereof".

8th October, 1984

777[Del]84. Krishan Kumar, "Improvement in or relating to screw expansion fasteners".

778[Del]84. Kennecott Corporation, "Silicon carbide refractories having modified silicon nitride bond".

779[Del]84. The British Petroleum Company P.L.C., "Novel composite materials".

780[Del]84. Ramalingam Govender, "Game".

781[Del]84. Brian Anstall fur Industrie Patente, "Hybrid explosive unit".

782[Del]84. Eselte Pac Aktiebolag, "Apparatus for the manufacture of a tubular container sleeve".

783[Del]84. Bendix Limited, "Condensers for compressed gas system". (Convention date October 14, 1983)

9th October, 1984

784[Del]84. F. Wesley Moffett, "A garden structure and method of producing same".

785[Del]84. Zana International, Inc., "Energy saving device".

786[Del]84. Hobbs Medical, Inc., "Contraceptive device".

787[Del]84. Scapa Porritt Limited, "Industrial fabrica". (Convention date October 19, 1983).

788[Del]84. Almed Inc., "Optical scanning system for laser treatment of electrical steel and the like".

789|Del|84. Rodney Thomas Heath, "Method and apparatus for separating gases and liquids from well head gases".

790|Del|84. William Arthur Parkyn and Horace Wilbur Ladd, "Apparatus for collecting and storing solar radiant energy".

10th October, 1984

791|Del|84. Exxon Research and Engineering Company, "Removal of corrodants from NMP solvent by contacting with sacrificial metal".

792|Del|84. FMC Corporation, "Process for producing alkali metal cyanates".

793|Del|84. William T. Wilkinson, "Method and device for simulating climbing".

794|Del|84. Council of Scientific and Industrial Research, Improvements in or relating to the preparation of ruthenised titanium electrodes".

12th October, 1984

795|Del|84. M&T Chemicals Inc., "Novel pump and system employing said pump".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE, BOMBAY BRANCH AT TODI ESTATES, THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400 013.

25th September 1984

266|BOM|84. Hindustan Lever Ltd. Toothpaste with entrained Gas. (28th September 1983).

26th September 1984

267|BOM|84. Manilal N. Kotadia, R. M. Kotadia, V. M. Kotadia and Master V. V. Kotadia. Juice Equeezing Device.

268|BOM|84. Wormald International Ltd. Sprinkler Head Housing.

269|BOM|84. Wormald International Ltd. Sprinkler Head Valve Means.

27th September 1984

270|BOM|84. Anand Vasant Bam. A dispensing Machine for pre-determined quantity or liquids.

271|BOM|84. Hasnukh B. Poojara. Improvements in or relating to Centering Plates.

272|BOM|84. Thermax Private Limited. Tube Mounting Means for a Ceramic Recuperator.

273|BOM|84. Thermax Private Limited. Improvements in or relating to Fluidised Bed Combustor/Boiler.

28th September 1984

274|BOM|84. Ion Exchange (India) Ltd. A process for preparing an improved ion exchange resin suitable for the removal of Iron from water.

275|BOM|84. Ion Exchange (India) Ltd. A process for preparing an improved ion exchange resin suitable for treating sugar solutions having high TDS Content.

5th October 1984

276|BOM|84. Arun Madhav Mahajani. Fortified Common Salt with Minerals & Vitamins.

277|BOM|84. Jyon Limited. A down-draft gasifier used for generating producer-gas from wood and other forms of Biomass.

278|BOM|84. Elpro International Ltd. Touch Switch.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

15th October 1984

770|Mas|84. The Dow Chemical Company. Multilayer Metal organic polymer laminate.

771|Mas|84. Preformed Line products Company. Pad-type fiber optic splice organizer.

16th October 1984

772|Mas|84. Mathai Thomas. World clock—a complete one showing all standard time, local time accurately to a second at the same instant.

773|Mas|84. L. G. Rao. Improvements in or relating to multi-filament incandescent electric lamps.

774|Mas|84. Hoechst Aktiengesellschaft & Karl Danzer Furnierwerke. Difficultly flammable extruded articles, especially extruded boards, and difficultly flammable veneered or coated extruded boards, a process for making them and their uses.

775|Mas|84. Marbourn Limited. Electrical Device. (October 18, 1983).

776|Mas|84. Owens-Illinois, Inc. Apparatus and method for wrapping a plastic label around a container.

777|Mas|84. Owens-Illinois, Inc. Container with plastic label and method of applying the label.

778|Mas|84. Owens-Illinois, Inc. Container with solid plastic label and method of applying the label.

17th October 1984

779|Mas|84. Pont-Ar-Mousson S.A. Packing for the joints of cast-iron pipes.

780|Mas|84. Intech Systems Corp. Computerized audiometer.

781|Mas|84. Unie Van Kunststestfabrieken B.V. Process for the preparation of urea.

782|Mas|84. Jonathan C. Mott. Moulded racquet with string securing loops. (October 18, 1983).

783|Mas|84. Unie Van Kunststestfabrieken B.V. Process for the preparation of urea.

18th October 1984

784|Mas|84. Sumitomo Electric Industries, Limited. Composite overhead stranded conductor.

785|Mas|84. Tecumseh Products Company. Horizontal shaft oil pump.

786|Mas|84. Glasstech, Inc. Method and apparatus for supplying cooling air in a glass sheet quench.

19th October 1984

787|Mas|84. Schlumberger Technology Corporation Drill stem testing apparatus with multiple pressure sensing ports.

788|Mas|84. Nyugathagyarszagi Fagazdaagi Kombinat. Process for the accelerated hardening of cement in course of manufacturing plates and profiles made of organic or inorganic fibrous material and portland cement as adhesive.

20th October 1984

789|Mas|84. Dobson Park Industries Plc. Mine roof support and attachment means therefor. (October 22, 1983).

22nd October 1984

790|Mas|84. Linde Aktiengesellschaft. Process for the separation of gas and/or liquid mixtures.

791|Mas|84. Novo Industri A/S. A process for converting starch into syrups. (Divisional to Application No. 434/Cal|82).

792|Mas|84. Stauffer Chemical Company. Treatment for spent petroleum cracking catalyst.

24th October, 1984

793|Mas|84. Compagnie Wallonne Des Produits Refractaires. Binder for refractory products, refractory products prepared with this binder, and process for preparing said products.

25th October, 1984

794|Mas|84. A. Gnanasekaran. Smooth surface finishing cement concrete beam.

795|Mas|84. A. Gnanasekaran. Smooth surface finishing cement concrete roof brick.

796|Mas|84. A. Gnanasekaran. Smooth surface finishing cement concrete hollow block.

797|Mas|84. Apparel Form Company. A method of forming and dyeing cushion articles.

798|Mas|84. Sears Manufacturing Company. Process for forming cushion articles.

799|Mas|84. Schlumberger Technology Corporation. Annular electrical contact apparatus for use in drill for testing.

26th October, 1984

800|Mas|84. C. N. G. Nair, K. C. George, -U. Chandrasenan and P. S. Asokan. An effluent treatment process for mercury removal.

801|Mas|84. Shell Internationale Research Maatschappij B.V. Process for the preparation of hydrocarbons.

802|Mas|84. Shell Internationale Research Maatschappij B.V. Process for the preparation of hydrocarbons.

803|Mas|84. Metal Box p.l.c. One piece plastics closure. (October 29, 1983).

27th October, 1984

804|Mas|84. Societe Nationale ELF Aquitaine (Production). A measuring device for a seismic profile within a well-bore.

805|Mas|84. National Aeronautics and Space Administration. ARC Spray fabrication of metal matrix composite monotope.

ALTERATION OF DATE

154663. Ante dated 10th May, 1983.

(456|Cal|84)

COMPLETE SPECIFICATION ACCEPTED

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CLASS : 32-E.

154656.

Int. Cl. C08 g 20|24.

PREPARATION OF POLYTETRA-METHYLENE ADIPAMIDE.

Applicant : STAMICARBON B. V., OF P.O. BOX 10, 6160 MC GELEEN, THE NETHERLANDS.

Inventors : 1. REINUOD JAAP GAYMANS, 2. EDMOND HENDRICK JOSEPH PIET BOUR.

Application No. 333|Cal|81 filed March 26, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Method for the preparation of a polyamide substantially consisting of units of $[NH-(CH_2)_4-NH-CO-(CH_2)_4-CO]$ by heating the salt of 1.4. diaminobutane and adipic acid and, if desired, other polyamideforming compounds, with formation of a prepolymer, followed by further condensation to a polyamide with a high molecular weight, characterized in that the prepolymerization is effected by heating the salt to a temperature of between 150°C and 310°C and, if described, keeping the reaction mixture at a temperature of between 150°C and 310°C during a limited period, in which process the water vapour partial pressure does not exceed 30 bar, and the combination of temperature, pressure and reaction time is chosen so that the amount of cyclical end-groups in the prepolymer thus obtained does not exceed 0.20 mg equivalent per gram of prepolymer.

Compl. specn. 15 pages.

Drgs. Nil.

CLASS : 32-E.

154657.

Int. Cl. C 08 f 20|24.

PREPARATION OF HIGH MOLECULAR POLYTETRA-METHYLENE ADIPAMIDE.

Applicant : STAMICARBON B.V., OF P.O. BOX 10, 6160 MC GELEEN, THE NETHERLANDS.

Inventors : 1. REINUOD JAAP GAYMANS, 2. EDMOND HENDRIK JOSEPH PIET BOUR.

Application No. 334|Cal|81 filed March 26, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Method for the preparation of high-molecular white polyamide substantially consisting of units of $[NH-(CH_2)_4-NH-CO-(CH_2)_4-CO]$ by after condensation of a low molecular prepolymer, substantially consisting of units of $[NH-(CH_2)_4-NH-CO-(CH_2)_4-CO]$, characterized in that a prepolymer is started from which has a content of cyclic end groups not exceeding 0.20 mg equivalent per gram, and has been prepared with application of an excess of 0.5 to 15 moles-% of 1.4-diaminobutane in respect of the quantity equivalent to the adipic acid applied, and this subjected to after condensation in the solid phase in an atmosphere containing water vapour.

Compl. specn. 11 pages.

Drgs. Nil.

CLASS : 19-E.

154658.

11 Claims.

Int. Cl. F16 b 23/00.

RECESSED HEAD SCREW FASTENER.

Applicant : TECHNOFAST, INC., OF 7630 AUNCEY AVENUE, WILLOWBROOK, ILLINOIS 60521, UNITED STATES OF AMERICA.

Inventor : 1. CHARLES F. GUTSHALL.

Application No. 409/Cal/81 filed April 16, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A recessed head screw fastener having a recess including a central axially extending socket and a plurality of radially extending slots opening into said socket, each slot having a bottom surface of substantially uniform width interconnecting two opposed sidewalls; said slots being arranged in diametrically opposite pairs, the slots in each pair being symmetrically offset in opposite directions with respect to a plane including the axis of the fastener.

Compl. specn. 12 pages.

Drgs. 2 sheets.

CLASS : 5-E

154659.

Int. Cl. A01 c 11/00

PLANTING MACHINE

Applicant : KUBOTA, LTD. OF 47-GO, 2-BAN, 1-CHOME, SHIKESHIKASU, NANIWA-KU, OSAKA SHI, OSAKA-FU, JAPAN.

Inventors : 1. MASAKI MORI, 2. MASATAMI FUKUDA, SHOTA HIYAMUTA.

Application No. 477/Cal/81 filed May 6, 1981

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A planting machine having a seedling planting device (3), and engine (4) for driving the device (3) and a ground engaging support member (5) of non-driven type, said machine comprising a running distance detecting device (6') for detecting that the machine travels by a predetermined distance and a clutch mechanism (8) for connecting and disconnecting power drive from the engine (4) to the seedling planting device (3), said running distance detecting device (6') and said clutch mechanism (8) being so operatively connected to each other that the engine is intermittently coupled to the planting device so as to cause a bunch of seedlings to be planted at substantially constant intervals of distance in the travelling direction of the machine.

Compl. specn. 16 pages.

Drgs. 3 sheets.

CLASS : 92-C

154660.

Int. Cl. B02 b 3/02.

IMPROVEMENT IN AND RELATING TO THE TREATMENT OF GRANULAR MATERIAL.

Applicant : CHRISTY & NORRIS LTD., OF BROOM-FIELD ROAD, CHELMSFORD, CM1 1SA, ESSEX, ENGLAND.

Inventor : 1. BRYAN JOHNSON.

Application No. 568/Cal/81 filed May 28, 1981.

Convention date 28th May 1980 (80 17460) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

Apparatus for treating granular material such as for example as herein described to remove at least part of an outer layer from individual grains of the material, which comprises a trough into which the material to be treated can be introduced and from which material can be removed, a pair of overlapping discs situated in the trough each disc being so mounted as to be rotatable about an axis perpendicular to the plane of the disc, the two axes of rotation being parallel to one another and the two discs of the pair overlapping one another, but neither disc of the pair overlapping the other as far as the axis of rotation of the other, the facing surfaces of the discs of the pair of discs being abrasive and being generally planar and the axial separation between the facing surfaces of the discs of the pair of discs being at least 5 mm, and means for causing the discs to rotate about the said axes, the arrangement being such that granular material is treated by interaction with the facing surfaces of the pairs of discs.

Compl. specn. 22 pages.

Drgs. 2 sheets.

CLASS : 194-B.

154661.

Int. Cl. C23 c 15/00.

OPTICAL COATING.

Applicant : BARR & STROUD LIMITED, OF CAXTON STREET, ANNIESLAND, GLASGOW G13 1HZ, SCOTLAND.

Inventors : 1. RICHARD TELFORD CORBETT, 2. BRIAN COCHRANE MONACHAN, 3. ALEXANDER JAMES NAPIER HOPE.

Application No. 728/Cal/81 filed July 2, 1981.

Convention date 17th July 1980 (8023435) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for applying a carbonaceous coating to a surface by vacuum deposition of carbon derived from a hydrocarbon gas in plasma form, wherein the surface is coupled to an AC power supply operating at a frequency below 500 kHz at which the electrical impedance of the plasma is substantially non-varying during the deposition process.

Compl. specn. 9 pages.

Drgs. 1 sheet.

CLASS 174-F.

154662.

Int. Cl. F16 f 9/00.

TELESCOPIC HYDRAULIC SHOCK ABSORBERS.

Applicant : JONAS WOODHEAD LIMITED, OF 177 KIRSTALL ROAD LEEDS LS4 2AQ, YORKSHIRE, ENGLAND

Inventor : 1. JOHN STANLEY ECKERSLEY.

Application No. 16/Cal/82 filed January 4, 1982.

Convention date 5th January, 1981 (8100114) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A telescopic hydraulic shock absorber including a base valve assembly comprising a valve body, a compression valve pin having a shank extending through an aperture in the valve body and a head cooperating with a seat on the valve body to form the compression valve, the shank being guided in a valve guide located in a counterbore in the aperture and formed with a passage affording communication from one side to the other of the valve guide and hence from one side to the other of the valve body through the compression valve.

Compl. specn. 12 pages.

Drgs. 3 sheets.

CLASS : 149-A.

154663.

Int. Cl. E02 d 5/00.

REINFORCED CONCRETE PILES.

Applicant & Inventor : AMITAVA GHOSH DASTIDAR, OF 5, HUNGERFORD COURT, 12/1, HUNGERFORD STREET, CALCUTTA-700 017, WEST BENGAL, INDIA.

Application No. 456/Cal/84 filed June 29, 1984.

Divisional No. 180/Cal/82 dated 10th May, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A reinforced concrete pile for use as precast pile in bored hole, comprising a plurality of precast pile sections having integral jointing means at one or both end(s), the length and cross-section of each of the pile sections and the number of the pile sections being selected according to the nature and requirement of the piling technique adopted, said pile sections being jointed to each other to define a continuous pile shaft, and the said jointing means and the pile sections being adapted to provide a central longitudinal hole throughout the length of the pile shaft and a predetermined number of radial holes laterally connected to the said central hole and spaced apart from each other longitudinally through predetermined distance, said radial holes opening at the surface of the pile shaft but being provided with one way valve means to allow only outflow of water, drilling fluid cement grout and or any other pile building material therethrough sequentially or in unison, as desired, for inflation of bag(s) wrapped around each of the or preselected pile sections, said bags being made of membrane/fabric having such permeability as to resist outflow of the fluid used for inflating the bag(s).

Compl. specn. 15 pages.

Drgs. 1 sheet.

CLASS : 32F3(a).

154664.

Int. Cl. C07c 151/00.

"A PROCESS FOR PREPARING ANTHRAQUINONE SULPHONAMIDES".

Applicant : CIBA-GEIGY AG., OF KLYBECKSTRASSE 141, 4002 BASLE, SWITZERLAND, A SWIS CORPORATION.

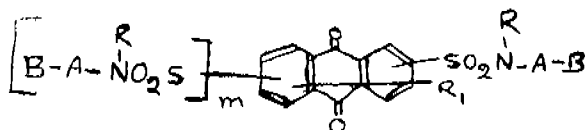
Inventors : DONALD RICHARD RANDELL & EMYR PHILLIPS.

Application for patent No. 21/Del/80 filed on 14th January, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

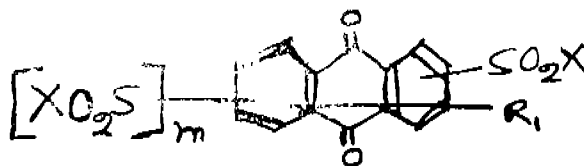
11 Claims.

A process of preparing a compound having the general formula I



or mixtures thereof wherein A is a C₁-C₄ straight or branched chain alkylene radical B is a SO₃M, CO₂M, -PO₃HM or -PO₃M₂ grouping, M is hydrogen or a cation of the kind such as herein mentioned giving a water soluble derivative, R is hydrogen, a cation of the kind such as herein mentioned giving a water-soluble derivative or a C₁-C₄ straight or branched chain alkyl, R₁ is hydrogen, methyl or

-COOH, and m is 0 or 1, which comprises reacting an anthraquinone sulphonyl halide having the general formula II



with a compound having the general formula III



where X is halogen, R₂ is same as R and A, m, B, and R₁ are as defined.

Compl. specn. 24 pages.

Drgs. 2 sheets.

CLASS : 32F3(b), 55D2

154665

Int. Class : C07c 59/00.

"AN IMPROVED METHOD FOR THE PREPARATION OF IR CIS-2, 2-DIMETHYL-3-(2-HYDROXY-2-CARBOXY-PROPYL) CYCLOPROPANE CARBOXYLIC ACID FROM CAR-4-ENE-3-OL".

Applicant :—COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an India registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

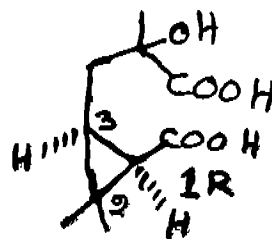
Inventors :—RAJAT BARAN MITRA, GURUNATH HANUMANTRAO KULKARNI, ZAINAB MULJANI, VISHWANIYANT GOPAL NAIK, ABDUL RAKEE & ABDUL SUBHAN DESHMUKH.

Application for patent No. 425/DEL/80 filed on 10th June, 1980. Complete specification left on 21st May, 1981.

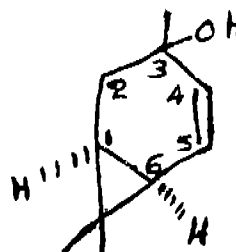
Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

(5 Claims)

A process for the preparation of IR cis-2, 2-dimethyl-3-(2-hydroxy-2-carboxypropyl) cyclopropane carboxylic acid of formula (I).



oxidising car ene-01 of formula (II)



by treatment with potassium permanganate in an acetone medium, separating the potassium salt of the acid formed from the reaction mixture and extracting the acid therefrom.

(Provisional Specification 3 pages) Provisional Drawing 1 sheet)

(Complete Specification 7 Pages)

Complete Drawing 1 sheet)

Class : 32F₁ (b) (d)

154666

Int. Class : C07d 5/00.

"A METHOD FOR THE PREPARATION OF γ -LACTONE OF IR-*cis*-2, 2-DIMETHYL-3-HYDROXYMETHYL-CYCLOPROPANE CARBOXYLIC ACID".

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors:—RAJAT BARAN MITRA, GURUNATH HANMANTRAO KULKARNI, PRAHALAD NARAIN KHANNA & GAJANAN DATTARAYA JOSHI.

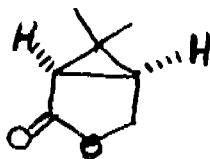
Application for Patent No. 426/Del/80 filed on 10th June, 1980.

Complete specification left on 9th September, 1981.

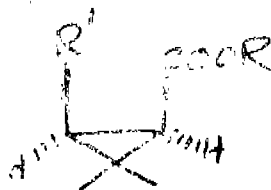
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(7 claims)

A process for the preparation of γ -lactone of IR-*cis* 2, 2-dimethyl-3-hydroxymethyl cyclopropane carboxylic acid of formula I.



comprising subjecting ketoacid i.e., methyl IR-*cis*-2, 2-dimethyl-3(2-oxopropyl)-cyclopropane carboxylate of formula II.



wherein R=CH₃ and R'=—CH₂—O—COCH₃ to Baeyer villiger oxidation to obtain a corresponding acetate ester of formula II, saponifying this acetate ester formed to obtain corresponding hydroxy acid of formula II wherein R=H and lactonising the hydroxy acid formed to obtain the lactone of formula I.

(Provisional specification 3 pages) Drawing 1 sheet).

(Complete specification: 9 pages) Drawing 1 sheet).

Class : 39R

154667

Int. class : C01d 5/00.

"A PROCESS FOR THE MANUFACTURE OF SODIUM HYDROSULPHITE".

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian Registered Body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors: CHANGARAMPONNATH, GOPINATHAN, MRS. SARDA GOPINATHAN, IKKANDATH RAGHAVAN UNNY, PRABHAKAR, AWADAJI AWASARKAR SHARAD KESHAV PANDIT, SANJEEVANI AMRIT PARDHY, AMIYA KUMAR CHATTERJEE, ARVIND YASHWANT SONSALE.

Application for patent No. 44/Del/80 filed on 16th June, 1980

Complete specification left on 7th July, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

(6 Claims)

A process for the manufacture of sodium hydrosulphite comprising treating a suspension of iron powder in an aqueous common salt solution with sulphur dioxide gas and treating the reaction mixture with a base such sodium hydroxide or carbonate, the sodium hydrosulphite formed being separated from the filtrate obtained to separate ferric carbonate.

(Provisional Specification 6 Pages)

(Complete specification 7 pages)

Class : 390.

154668

Int. class : C01b 33/00.

"AN IMPROVED PROCESS FOR THE PREPARATION OF SYNTHETIC ZEOLITES OF THE FAUJASITE GROUP".

Applicant:—COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-1, India, an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors:—PRASENJIT SAHA, DIBYENDU GANGULI, MINATI CHATTERJEE.

Application for patent No. 575/Del/80 filed on 8th August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

(5 Claims)

An improved process for the preparation of synthetic zeolites of the faujasite group comprising reacting predetermined amounts of oxides of sodium and aluminium with silica sol as source of silica, characterized in that, silica gel obtained by interaction of watery sodium silicate, heated to 60° to 90°C and cooled, with a mineral acid is used as a source of silica.

(Complete specification 8 pages)

Class : 40 B.

154669

Int. Class : B01j 11/40.

"PROCESS FOR THE PREPARATION OF A CATALYST COMPOSITE MATERIAL USEFUL FOR THE CONVERSION OF ALCOHOLS TO HYDROCARBONS".

Applicant:—COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors:—SUNEETA BALVANT KULKARNI, PAUL RATNASAMY, IKKANDATHI BALAKRISHNAN, BOLLAPRAGADA SESHAGIRI RAO, ASHA JEEVAN CHANDWADKAR & ARVIND NARAYAN KOTASTHANE.

Application for patent No. 581/Del/80 filed on 11th August, 1980.

Complete specification left on 9th November, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-5.

(6 claims)

Process for the preparation of a catalyst composite material useful for the conversion of alcohols to aromatic hydrocarbons, comprising reacting stoichiometric mixture of oxides of sodium, aluminium and silicon with a bromide salt of an ammonium compound of formula A_nB_mN+Br in sulphuric acid and water to form a gel, heating the resultant gel at 100° to 180°C for 1 to 15 days, to obtain a wet cake on filtration and calcination, subjecting the resultant solid product to an ion-exchange treatment with an ammonia salt to obtain a product with molar ratio of sodium oxide to aluminium oxide in the range of 0.05 to 2.3 and further drying and calcining the same to obtain the catalyst composite material, wherein A and B are alkyl radicals like ethyl, propyl or butyl, A and B are same or different and X and Y are digits between 1 and 2, the value of X is same or different than that of Y and the sum of values X and Y equals 4, the resultant product is further treated with a binder/carrier to form the catalyst composite material.

(Provisional Specification 14 pages)

(Complete specification 10 pages Drawing 2 sheets).

CLASS : 129G & P 154670

Int. Class : B23q 3/15.

"MAGNETIC CHUCK".

Applicant : PHILIBERT MAURICE BRAILLON, A FRENCH CITIZEN, OF MONTMELIAN, SAVOIE, FRANCE.

Inventor : PHILIBERT MAURICE BRAILLON.

Application for Patent No. 598/Del/80 filed on 18th August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

(5 claims)

A magnetic chuck with permanent magnets and a mechanical on/off control mechanism comprising mounted within an elongated hollow body :

a first magnetic assembly constituted by two parallel first stacks of first permanent magnets alternating with magnetic polar plates arranged in the longitudinal direction of the body, the polarities of the magnets being such that the polar plates are alternately "North" and "South",

a second magnetic assembly, of the same polar pitch as the first magnetic assembly, comprising a second stacks of second permanent magnets and pole pieces, parallel to the said first stacks of first permanent magnets and located between the stacks, in which said second permanent magnets alternate with said pole pieces the polarities of the second magnets also being such that the pole pieces are alternately "North", and "South", the two magnetic assemblies being equivalent in flux, and

means movably mounted in the hollow body to displace the second magnetic assembly in said direction and over the length of one polar step, relative to the first magnetic assembly and to the body, between an "on" position in which the fluxes of the two magnetic assemblies are added together and an "off" position in which these fluxes neutralize one another characterized in that the said hollow body is formed by said alternating polar plates and nonmagnetic plates located in transverse planes of said body, said polar plates, and said nonmagnetic plates having a polar pitch equal to that of said first and second stacks of magnets and pole pieces, these polar plates and nonmagnetic plates defining simultaneously the upper and the lateral surfaces of the magnetic chuck, and having openings which receive the said two parallel first stacks of first permanent magnets and the said stack of second permanent magnets and said pole pieces.

(Complete specification 19 pages. Drawings 4 sheets).

CLASS : 153.

154671.

Int. Class : B431 23/00.

"AN IMPROVED PENCIL SHARPNER".

Applicant : BAL KRISHAN GUPTA, L-3, HAUZ KHAS ENCLAVE, NEW DELHI-110 016, INDIA, AN INDIAN NATIONAL.

Inventor : BAL KRISHAN GUPTA.

Application for Patent No. 631/Del/80 filed on 29th August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

(3 claims)

An improved pencil sharpener comprising of a cutter blade assembly having rotatable steel blade mounted over a cutter holder, fixed inside the sharpener body; a spring loaded clutch assembly provided in front of the sharpener having means for holding the pencil securely in position such as herein described, a rotatable handle fixed at the back of the sharpener body and connected to the cutter blade assembly; a container fixed at the bottom of the sharpener for collecting the pencil shavings.

(Complete specification 5 pages. Drawings 2 sheets).

CLASS : 160D.

154672.

Int. Class : B62b.

"IMPROVED WHEEL ASSEMBLY FOR CARTS AND LIKE VEHICLES".

Applicants : CENTRAL ROAD RESEARCH INSTITUTE, DELHI MATHURA ROAD, NEW DELHI-110020, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : CAROOR GANAPATI SWAMINATHAN AND SARUP SINGH RUP

Application for Patent No. 641/Del/80 filed on 4th September, 1980.

Complete Specification left on 3rd December, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110 005.

(6 claims)

An improved wheel assembly for carts and like vehicles characterised in having a housing for the bearings consisting of an outer housing unit and an inner housing unit secured to the hub of the wheel, each said unit being a hollow box having a bore for fixing therein the bearings and corresponding bearing race therefor against the wheel axle mounted on the hubs of the wheel, the said units having openings on their rear end surfaces for taking out the bearings for replacement or maintenance.

(Provisional specification 5 pages. Drawing 3 sheets).

(Complete specification 5 pages).

CLASS : 158 B4; 126-D.

154673

Int. Cl. B 61 k 13/00.

IMPROVED WARPAGE GAUGE

Applicant :—AMSTED INDUSTRIES INCORPORATED, OF 3700 PRUDENTIAL PLAZA, CHICAGO, ILLINOIS 60601, U.S.A.

Inventors :—1. THOMAS RAMON, 2. RICHARD OTIS PECK.

Application No. 372/Cal/80 filed July 30, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A improved warpage gauge for railroad wheels, characterized by :

a circular, planar support means;

at least three spaced spacer means affixed near the edge of said support means and adapted to seat against a planar surface to be gauged thereby positioning said support means at a predetermined distance from said planar surface;

and a plurality of spaced displacement gauges affixed near the edge of said support means, each adapted to seat against the planar surface to be gauged, each of said displacement gauges generating a signal representative of the displacement thereof, said signals thereafter being utilized to determine the warpage of the planar surface.

Compl. specn. 10 pages.

Drgs. 2 sheets.

CLASS. 161-D

154674.

Int. Cl. B 64 f 1/00.

AN AIRCRAFT TAKE-OFF RAMP.

Applicant :—BRITISH AEROSPACE PUBLIC LIMITED COMPANY, OF 100 PALL MALL, LONDON SW1Y 5HR, ENGLAND.

Inventors :—1. DOUGLAS CHRISTOPHER THORBY,
2. MICHAEL CHARLES WILLIAM SULLIVAN.

Application No. 1102/Cal/80 filed September, 29, 1980.

Convention date 29th September, 1979 (7933885) U.K.

Appropriate office, for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

5 Claims

An aircraft take-off ramp adapted to be associated with a generally horizontal take-off surface and for use by an aircraft having a compressible landing gear such that an aircraft during take-off is so urged from the take-off surface that it follows an initially ballistic trajectory on having the ramp, the ramp having a profile defined by two superimposed notional profiles, the first notional profile being a generally circular arc of radius such that the centre of gravity of the aircraft, if its landing gear were incompressible, would follow a desired locus circular arc so to effect a high, generally constant acceleration in a direction generally radial to the first notional profile, the second notional profile being superimposed on the first notional profile and being chosen having regard to the shock absorbing properties of the compressible landing gear such that during traverse of the ramp, the ground engaging portion of the landing gear is urged from the first notional profile by virtue of said second notional profile by an amount sufficient to compensate for contraction of landing gear due to the loading caused by said radial acceleration, whereby the centre of gravity of the aircraft is constrained to follow said desired locus thus to effect a constant acceleration despite said contraction of the landing gear.

Compl. specn. 24 pages.

Drgs. 4 sheets.

CLASS. 127-I.

154675.

Int. Cl. F 16 d 1/00, 3/00.

A COUPLING.

Applicant :—NADELLA, OF 133/137, BOULEVARD NATIONAL, 92503 RUEIL NALMAISON, FRANCE.

Inventor :—1. BERNARD MALLET.

Application No. 1329/Cal/80 filed November 29, 1980.

Convention date 1st October, 1980 (8031583) U.K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

10 Claims

A coupling of which one part is a tubular sleeve having internal axial splines and another part is a shaft or other torque-transmitting member having co-operating complementary splines that is socketed within and axially slideable with respect to the sleeve with the interposition of at least one elastic compression spring, characterised in that the spring is compressed against and fixed to a transversely relieved portion on one part and is capable of sliding axially against the other part.

Compl. specn. 7 pages.

Drgs. 1 sheet.

CLASS. 95-K.

154676.

Int. Cl. B 25 b 13/00.

TORQUE WRENCH.

Applicant :—CAMBRIDGE CONSULTANTS LIMITED, OF SCIENCE PARK, MILTON ROAD, CAMBRIDGE CB4 4DW, ENGLAND.

Inventor :—1. HOWARD WILLIAM BIDDLE.

Application No. 29/Cal/81 filed January 12, 1981.

Convention date 11th January, 1980 (8001025) U.K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

10 Claims

A torque wrench comprising a driving head, an operating arm and an adjustable torque limit signalling means characterised by :

a first arm drivingly connected with the driving head,

a second arm pivotally coupled to the driving head,

a torque limit signalling assembly slidable adjustable in position along one of the arms for selecting a torque limit.

the assembly including a non-linear spring means arranged to transmit a force having a constant limit value between the arms and to signal the occurrence of such force limit by an abrupt change in spring force in accordance with the selected torque limit.

Compl. specn. 13 pages.

Drgs. 2 sheets

OPPOSITION PROCEEDINGS

The opposition entered by Research Designs & Standard Organisation to the grant of a Patent on application No. 148978 made by BTR Limited as notified in the Gazette of India, Part III, Section-2 dated 27th March, 1982, has been treated as withdrawn.

AMENDMENT OF PATENT UNDER SECTION 44

In pursuance of an application under Section 44 of the Patents Act 1970 in respect of Patent No. 147938 has been amended by substituting the name, nationality and address of the American Standard Inc., for the name, nationality and address of the grantee.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Phillips Petroleum Company, a Corporation organised under the laws of The State of Delaware, United States of America, of Bartlesville, State of Oklahoma, United States of America have made an application under section 57 of the Patent Act, 1970 for amendment of specification of their Patent application No. 150700 for "Process for cracking hydro-carbons using a modified cracking catalyst in combination with metal passivating agent". The amendment are to made the description and claims more clearly by way of disclaimer. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested

in opposing the application for amendment may file a notice of opposition Form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said.

(2)

Notice is hereby given that Hindustan Lever Limited of Hindustan Lever House 165/166 Backbay Reclamation, Bombay 400020 Maharashtra, India, a company incorporated under the Indian Companies Act, 1913 has made an application under section 57 of the Patents Act, 1970 for amendment of the complete specification of application for Patent No. 151711 (99/Bom/80) for A process for preparing hardened and dehydroxylated, castor fatty acid feed stock. The amendments are by way of disclaimer to make claims more clear. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Todi Estates (3rd Floor), Lower Parel (West), Bombay-13, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within 3 months from the date of this notification at the Patent Office Branch, Bombay. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice of opposition.

RENEWAL FEES PAID

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132629 133527 133557 133717 133734 133782 133799 133832
133863 133955 134026 134061 134083 134193 134525 136101
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152039 152099 152103

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 140394 dated the 31st August, 1973 made by East Anglia Plastics (India) Ltd. on the 7th August, 1981 and notified in the Gazette of India, Part-III, Section 2 dated the 27th November, 1981 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

N I L.

R. A. ACHARYA,
Controller General of Patents, Designs
and Trade Marks.